

FIG. 1A

| Serotype   | Sequence Identity (%) |
|------------|-----------------------|
| AAV1: AAV2 | 83                    |
| AAV1: AAV5 | 58                    |
| AAV1: AAV8 | 84                    |
| AAV2: AAV5 | 58                    |
| AAV2: AAV8 | 83                    |
| AAV5: AAV8 | 58                    |

FIG. 1B

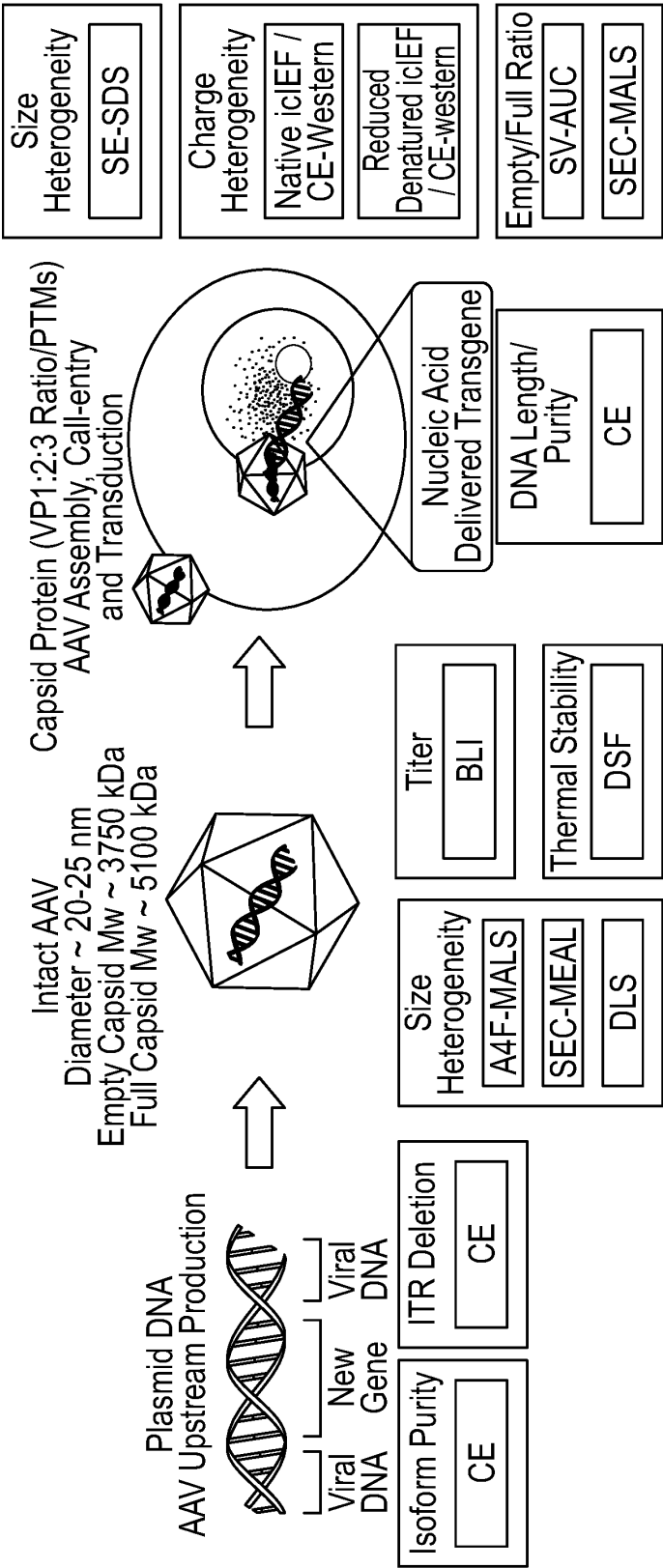


FIG. 1B

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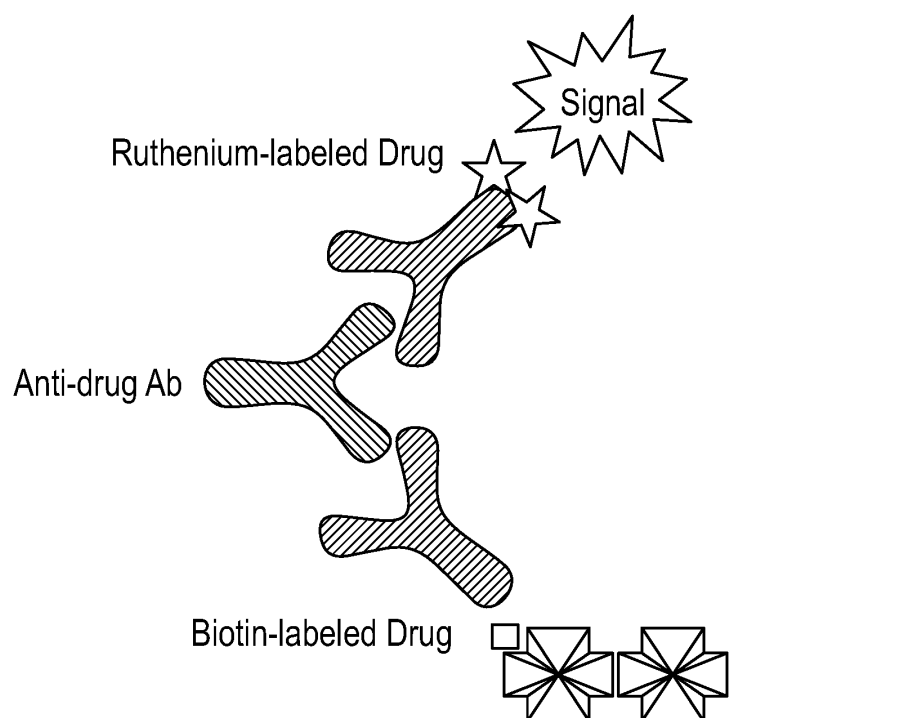
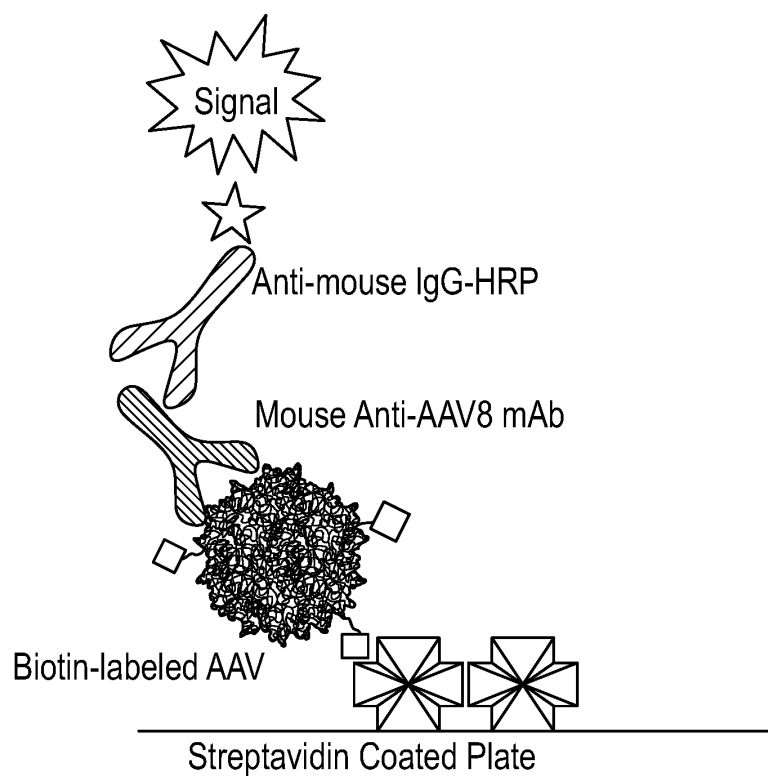
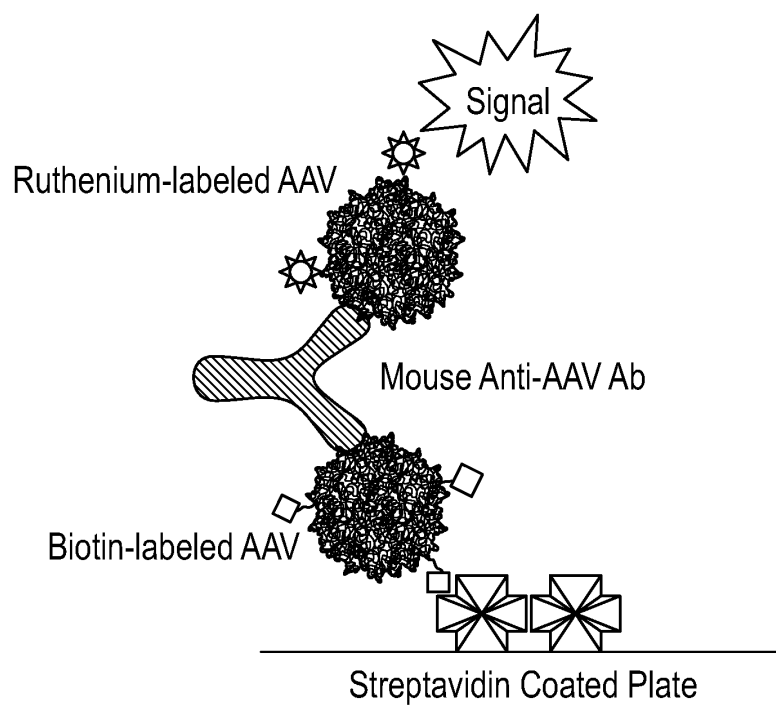


FIG. 3

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**FIG. 4A****FIG. 4B**

AAV1 Buffer Stability

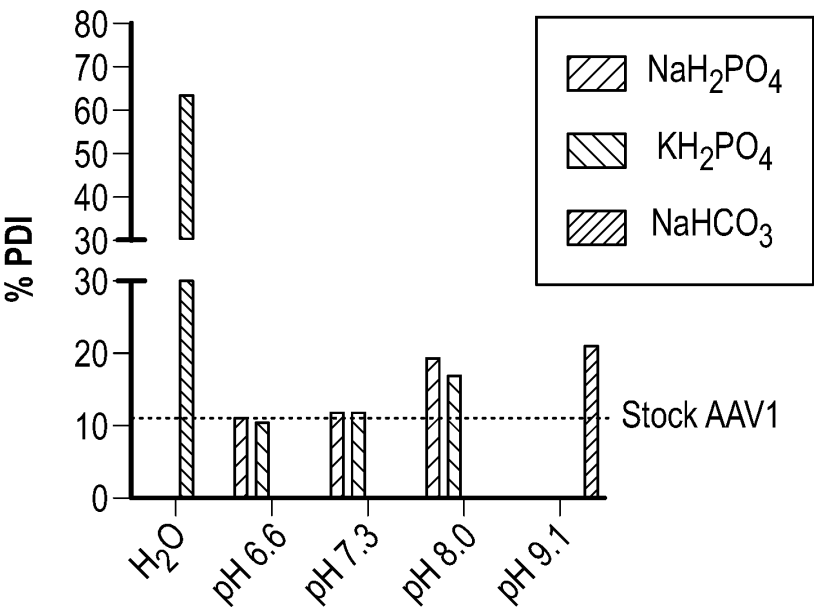


FIG. 5A

AAV8 Buffer Stability

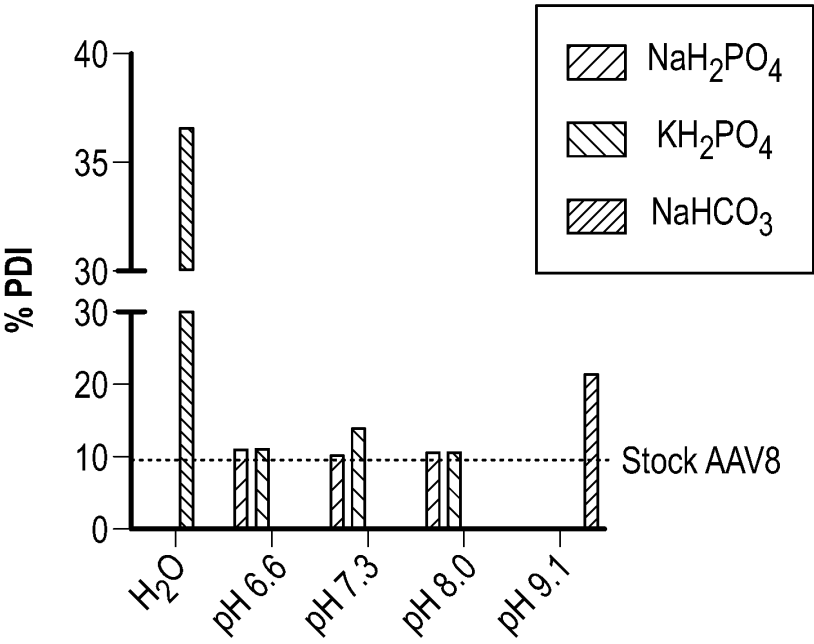


FIG. 5A

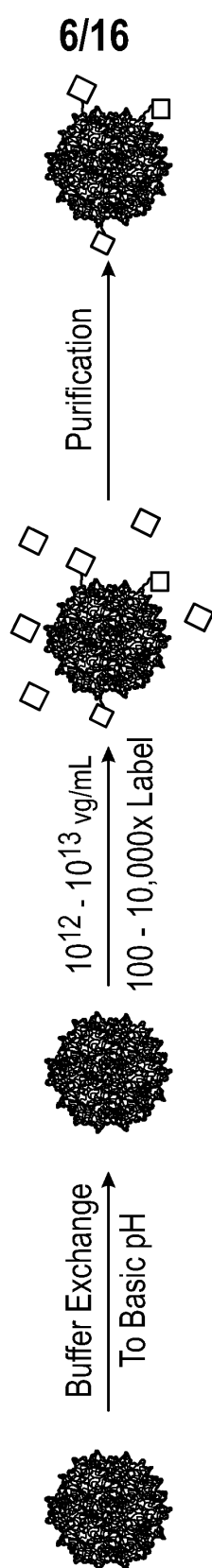


FIG. 6A

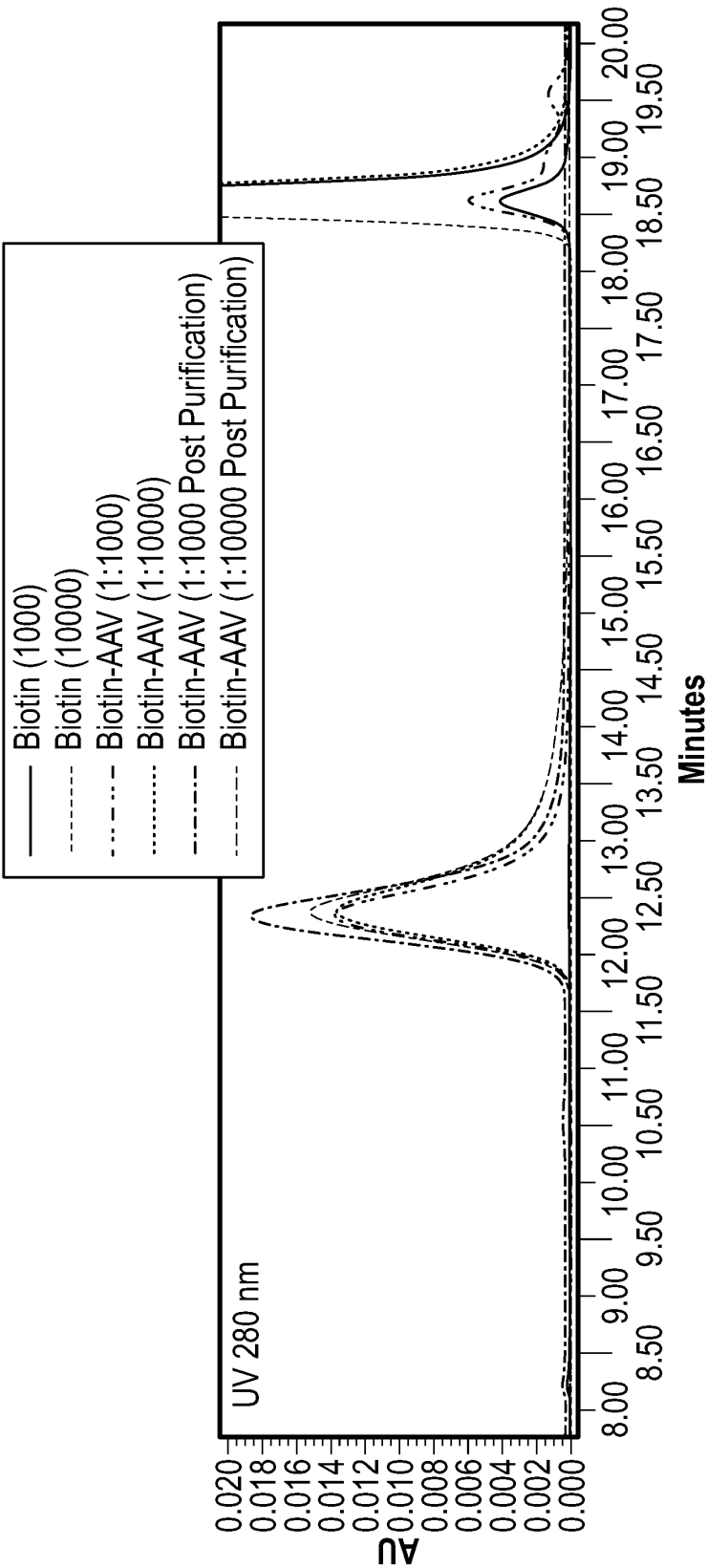


FIG. 6B

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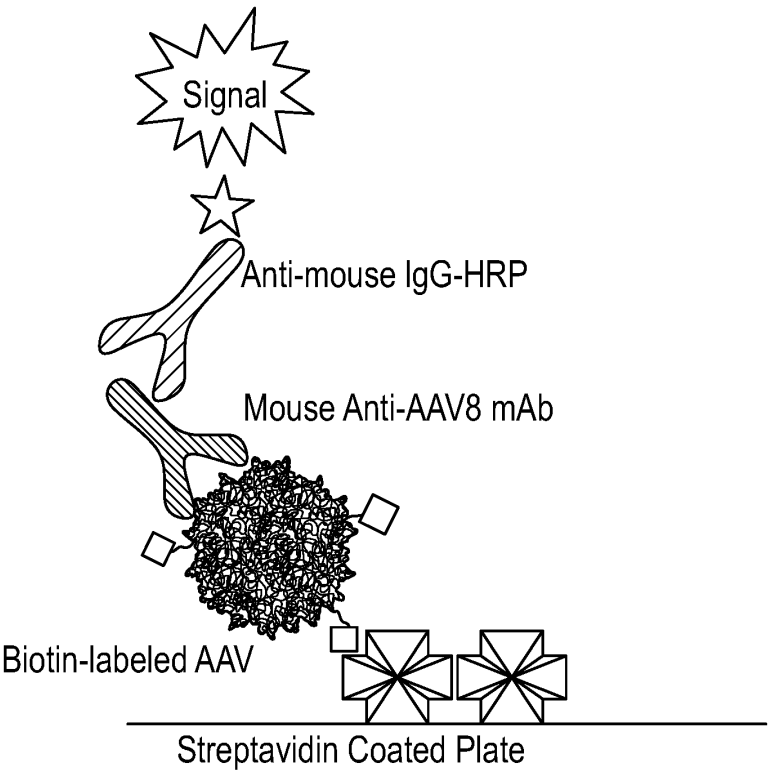


FIG. 7A

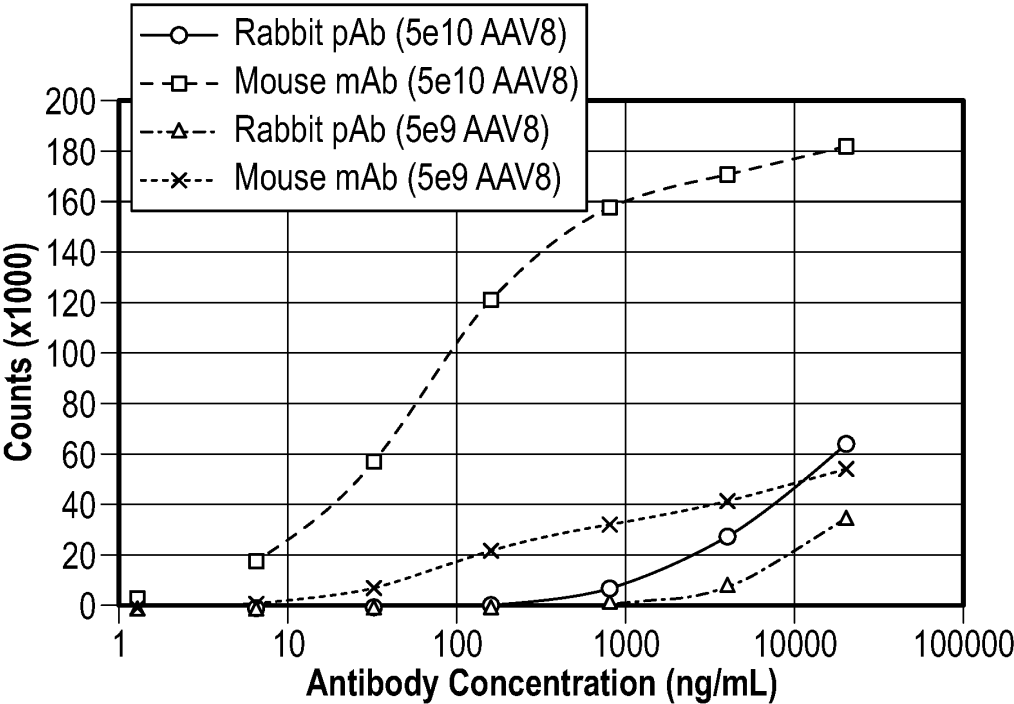


FIG. 7B

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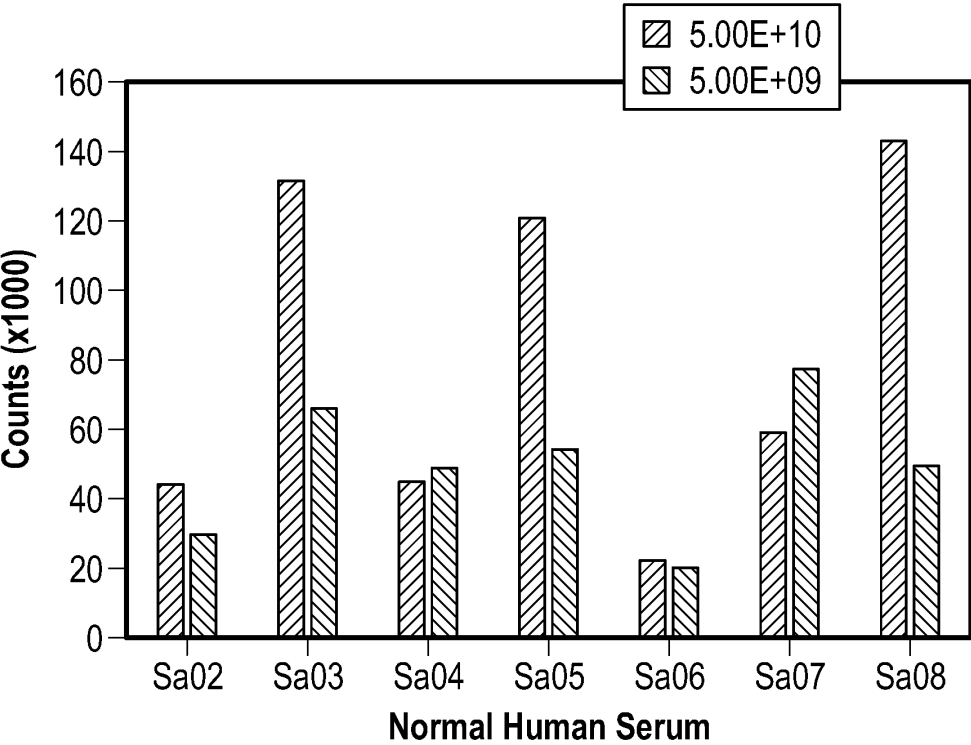
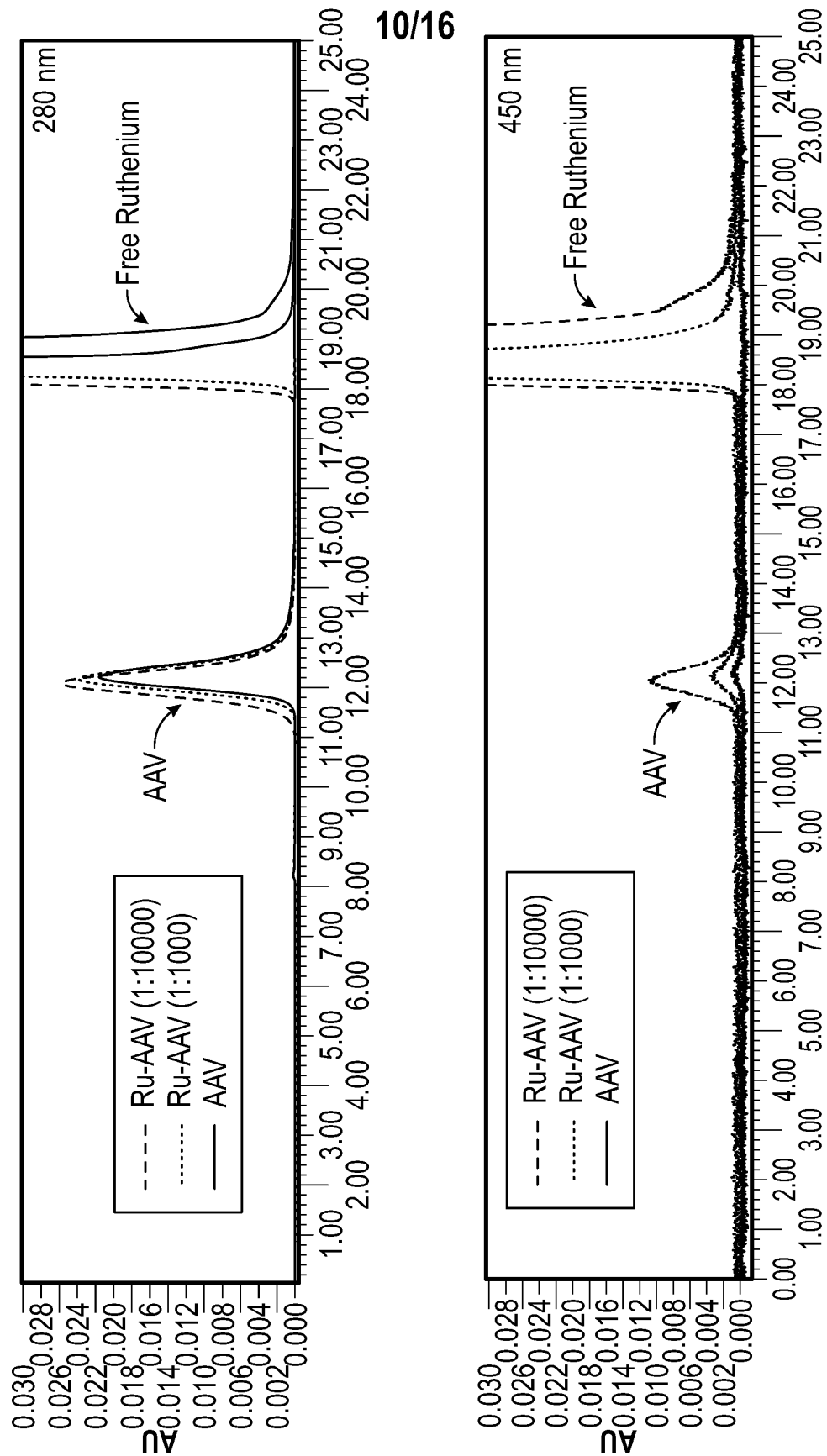


FIG. 7C



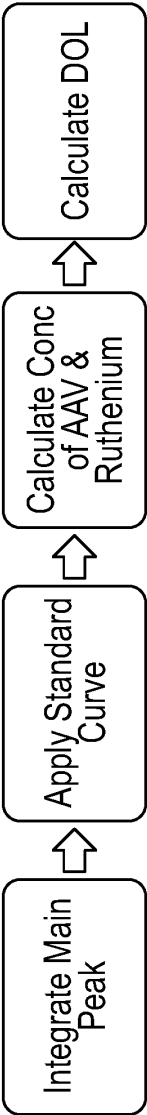
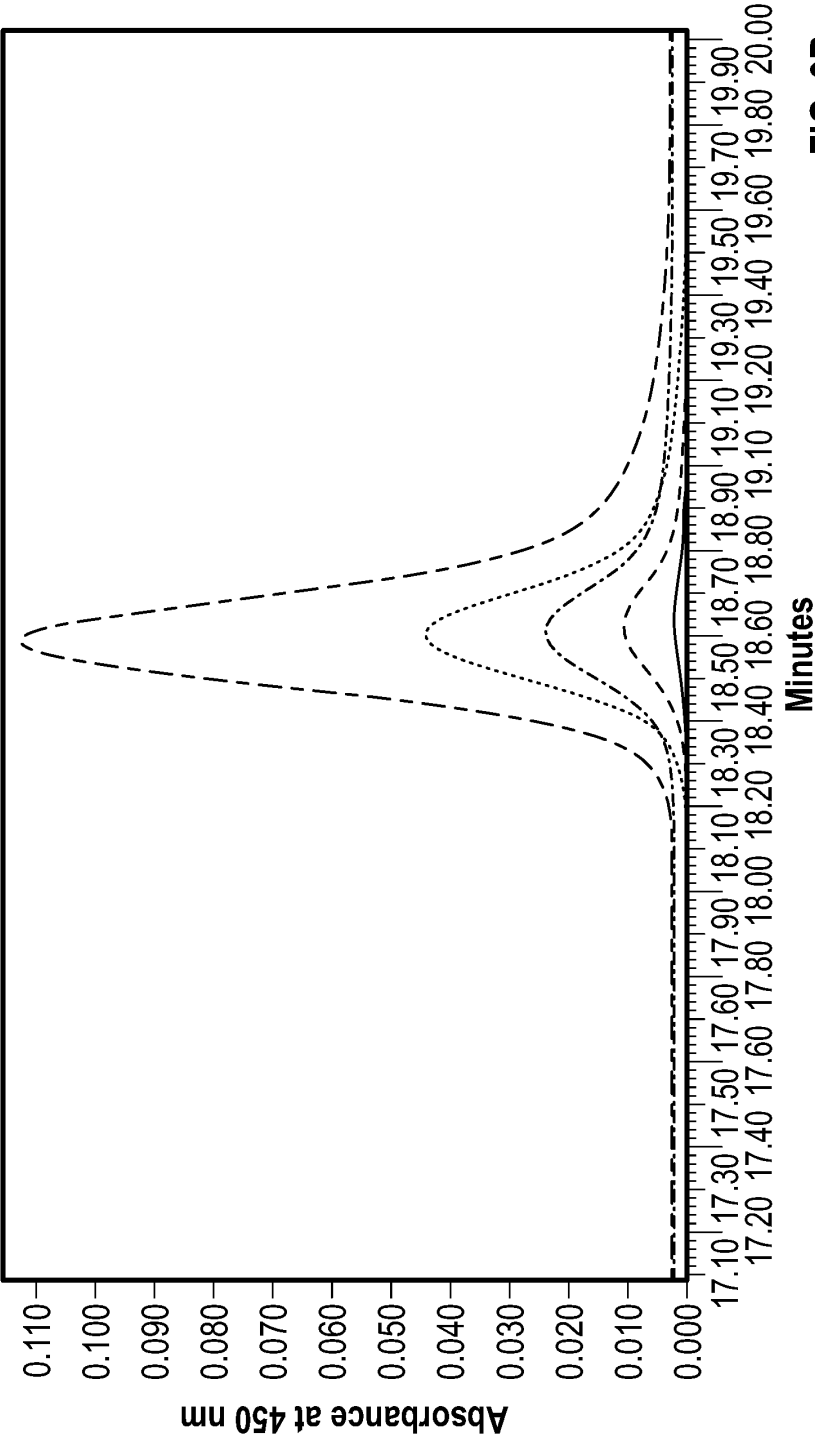


FIG. 9A



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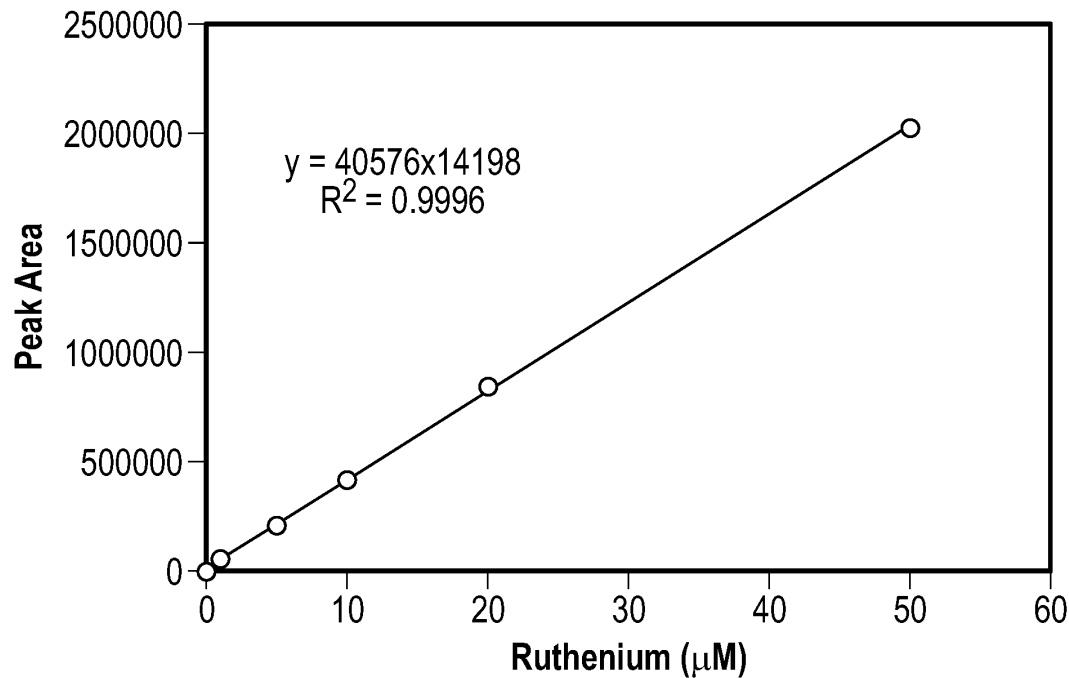


FIG. 9C

| Prorein REGN | Challenge Ratio | Protein (M) | Ruthenium (M) | DOL<br>(Ru / Protein) |
|--------------|-----------------|-------------|---------------|-----------------------|
| Ru-mAb       | 12              | 9.62E-06    | 6.71E-05      | 7.0                   |
| Ru-AAV       | 10000           | 3.30E-08    | 2.51E-06      | 76.1                  |
| Ru-AAV       | 1000            | 3.30E-08    | 2.60E-07      | 7.9                   |

\*MSD Sulfo-TAG NHS Ester - Extinction Coefficient :  
15400 M-1cm-1;0.077 mg/mL Was Used; DOL, Degree of Labeling

FIG. 9D

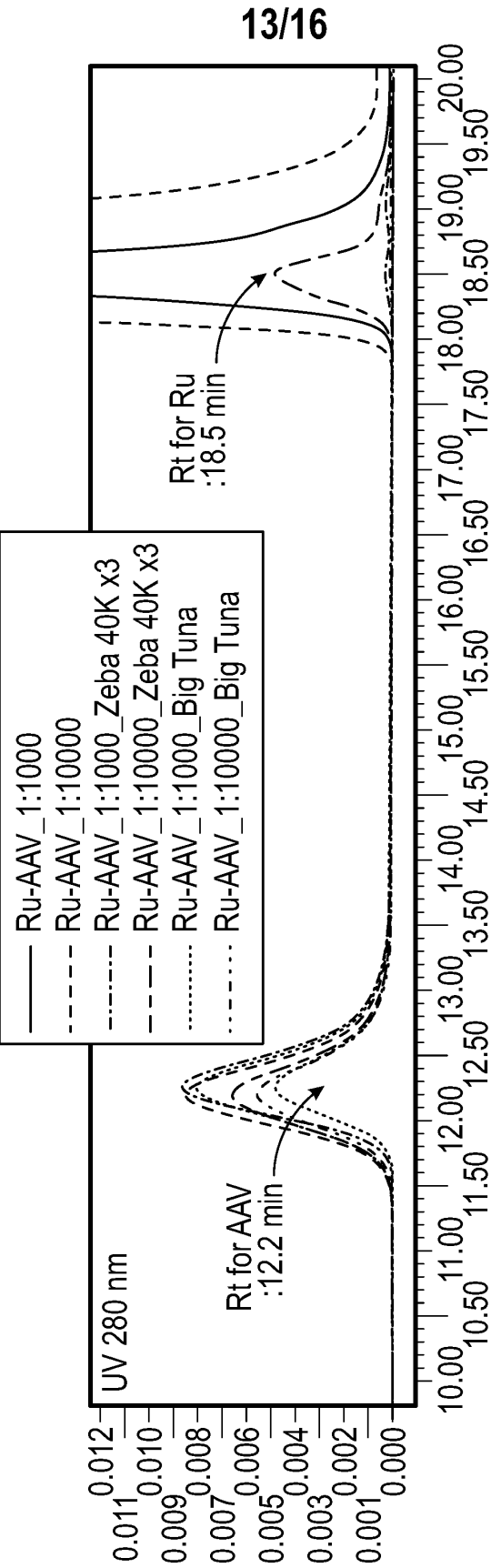


FIG. 10A

|                | AAV Recovery %<br>(12.2 min) | Remaining Free Ru %<br>(18.5 min) |
|----------------|------------------------------|-----------------------------------|
| Zeba 40K_1000  | 99.0                         | 2.4                               |
| Zeba 40K_10000 | 79.7                         | 2.0                               |
| BigTuna_1000*  | 61.1                         | 0.1                               |
| BigTuna_10000* | 67.6                         | 0.1                               |

FIG. 10B

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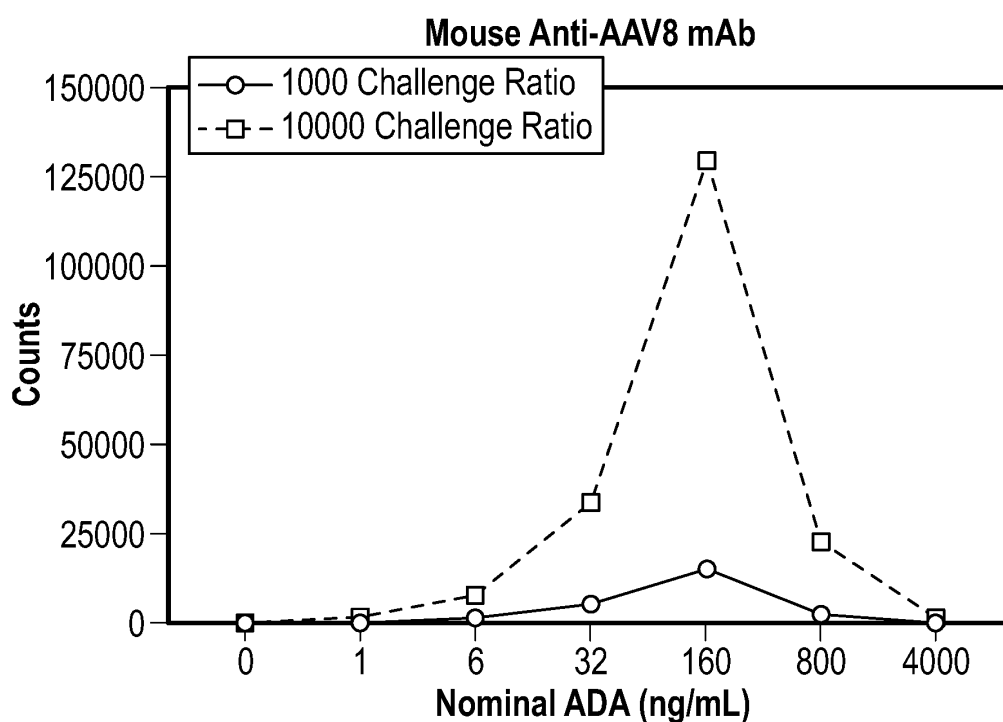


FIG. 11A

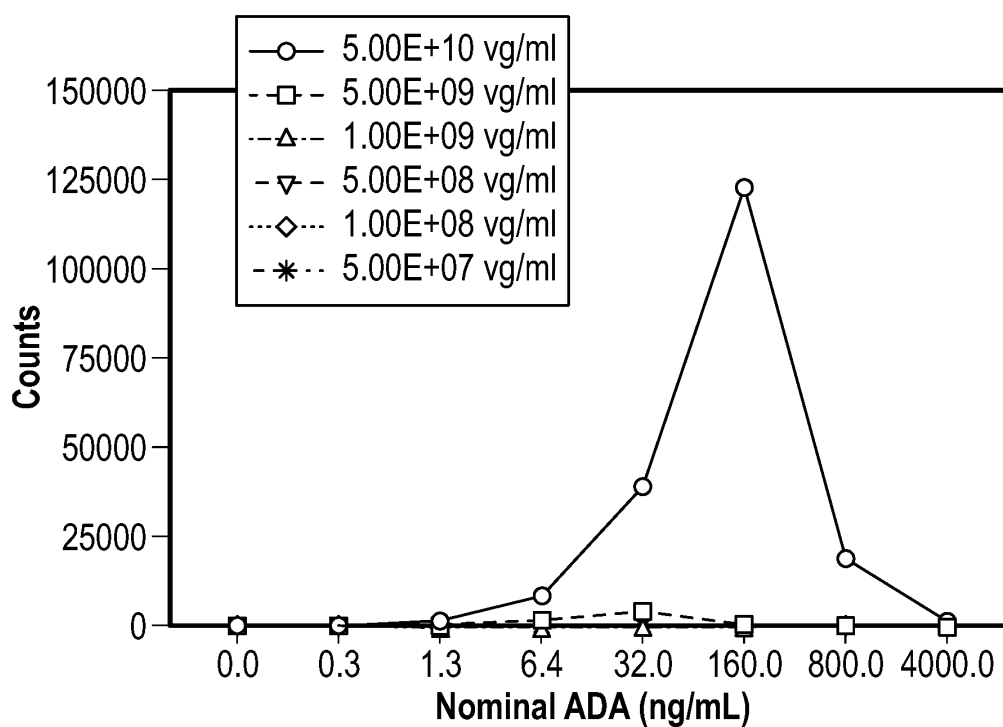


FIG. 11B

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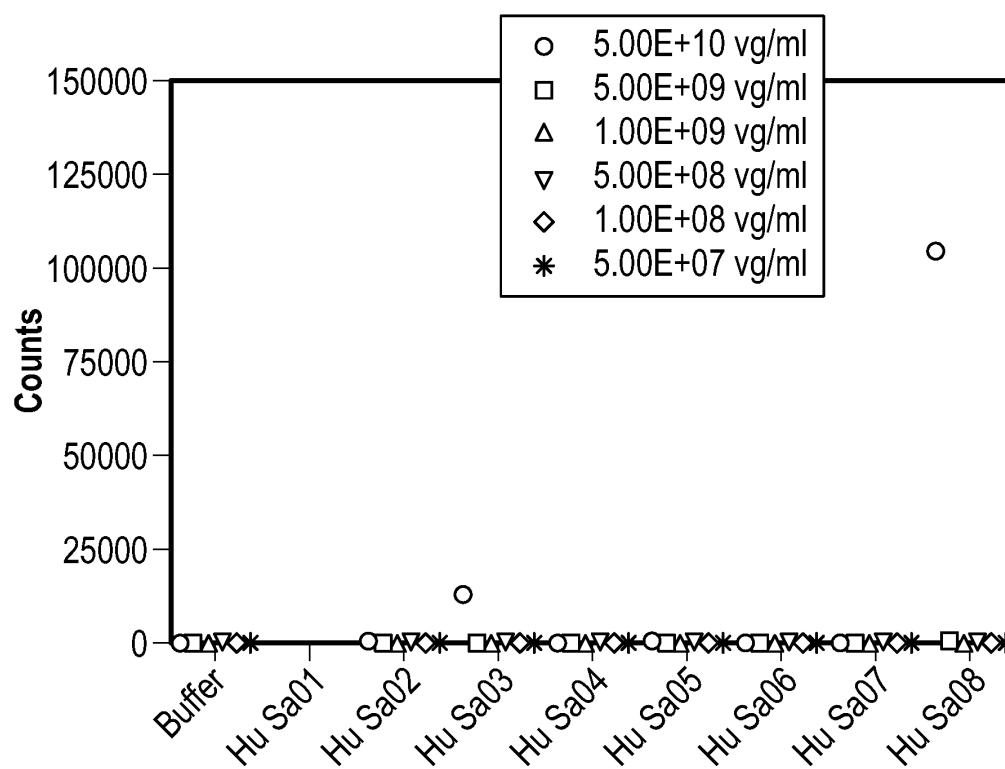


FIG. 12